



Interoffice Memo Office of Design Policy & Support

DATE: 12/6/2021

FILE: P.I.# 0007057
Warren County / GDOT District 2 - Tennille
Bridge Replacement - SR 16 @ SHORT CREEK.

FROM: *Dane Peters*
for R. Christopher Rudd, PE, State Design Policy Engineer

TO: SEE DISTRIBUTION

SUBJECT: APPROVED DETOUR REPORT

Attached is the approved Detour Report with Notice of Detour Approval for the above subject project.

Attachment

Distribution:

Hiral Patel, Director of Engineering
Joe Carpenter, Director of P3
Albert Shelby, Director of Program Delivery
Darryl VanMeter, Assistant Director of P3/State Innovative Delivery Administrator
Kim Nesbitt, Program Delivery Administrator
Bobby Hilliard, Program Control Administrator
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Donn Digamon, State Bridge Engineer
Alan Davis, State Traffic Engineer
Erik Rohde, State Project Review Engineer
Eric Conklin, State Transportation Data Administrator
Attn: Systems & Classification Branch
Corbett Reynolds, District Engineer
Todd Price, District Preconstruction Engineer
Ellen Wright, District Planning & Programming Coordinator
Kyle Brooks, Area Manager - D2, A4
Recheal McMullin, Project Manager
BOARD MEMBER - 10th Congressional District

FILE: P.I. 0007057, Warren County
SR 16 @ Short Creek

DATE: September 27, 2021

Kimberly W. Nesbitt

FROM: Kimberly W. Nesbitt, State Program Delivery Administrator

TO: Office of Design Policy and Support via ConceptReports@dot.ga.gov

SUBJECT: Request for Detour Approval - Submittal Detour Report

The Office of Program Delivery hereby submits the attached Detour Report for your review and approval.

If any additional information is needed, please contact Recheal McMullin at (334) 233-2231.

C.L.B. shp
KWN:CLB:SHF:DDC:CBF:RDM

Attachments: Preconstruction Status Report, Detour Report Package



Detour Report

DATE: 10/15/2021

FILE: P.I.# 0007057
Warren County / GDOT District 2
SR 16/Macon Highway at Short Creek

FROM: *for* Kimberly W. Nesbitt, State Program Delivery Engineer

TO: R. Christopher Rudd, P.E., State Design Policy Engineer
Attn: Dave Peters, P.E., State Conceptual Design Group Manager

SUBJECT: Request for Detour Approval

Description and Project Proposal: The proposed project will replace the existing 64-foot-long bridge at SR 16 and Short Creek with an 85-foot-long bridge with 12-foot travel lanes and 8-foot shoulders. The existing bridge will be replaced with a bridge that meets current standards. The proposed roadway will include two 12-foot travel lanes and 10-foot shoulders. The total project length is approximately 0.3 miles and located within Warren County, southwest of Warrenton, GA and east of Sparta, GA.

An off-site detour will be utilized, diverting traffic entirely on other state routes. The detour route will travel along SR 123, SR 102, SR 171, and SR 12 Bypass, as shown in the detour route map, resulting in an additional 19 miles along the detour route. The estimated time for construction is 12 months.

Concept Approval Date: The Concept Report for this project was approved on December 12, 2018, and no revision has been required.

Reason a Detour is required: The bridge will be closed to traffic due to its replacement. These alternatives were considered as well:

Alternative A: This alternative includes a parallel alignment to the southeast and would involve the replacement of the existing 64-foot-long bridge with a proposed 85-foot bridge. Shifting the roadway further to the southeast would impact three parcels and would allow the existing roadway and bridge to remain open during construction but would extend the construction limits by approximately one-half mile to the south and an even greater distance to the north due to the existing curve. The construction cost (\$3,045,845.92) is higher for this alternate.

Alternative B: This alternative includes a parallel alignment to the northwest and would involve the replacement of the existing 64-foot-long bridge with a proposed 85-foot bridge. Shifting the roadway to the northwest would impact one parcel and would allow the existing roadway and bridge to remain open during construction but would extend the construction limits by approximately one-quarter mile

to the south and an even greater distance to the north due to the existing curve. The construction cost (\$2,945,070.19) is higher for this alternate.

These alternatives included building temporary bridges that increase ROW costs, construction costs, construction time, environmental impacts, and the number of parcels impacted and displaced. The No-Build alternative (\$0) will not bring the bridge up to the current standards. Reconstruction on the existing alignment accomplished by means of an off-site detour is preferred because of the cost (\$2,426,318.15) and time savings and lesser impacts.

Estimated Detour Construction: The detour will last for approximately 12 months.

Existing Traffic: In 2018 the AADT was 1775 with a 24-hour truck volume at 23%. The AADT is expected to increase to 1850 in 2022.

Environmental Assessment of the Proposed Detour Route: The Categorical Exclusion and Ecology Assessment of Effects have been obtained as of June 2020, evaluating, and clearing the proposed detour route.

Public Detour Meeting Results: The Public Information Open House was held on November 29, 2018, at Long Creek Baptist Church at 290 Long Creek Church Rd, Warrenton, GA 30828.

Of the three attendees at the open house, one left comments. Zero comments were in support of the project, zero opposed the project, one neither supported nor opposed the project, and zero supported the project conditionally. The comment expressed concern for the length of the detour and the condition of the county roads if used as the alternative route. No changes to the project were made as a result of the open house comments. a public official along with GDOT and their consultant representatives were present.

Recommendations: Recommend that the detour route for the project be approved and that the attached Notice be approved for advertising.

Concur:



GDOT Director of Engineering

11/23/2021

Date

Approve:

David Norwood

Digitally signed by David Norwood
Date: 2021.12.01 09:31:52 -05'00'

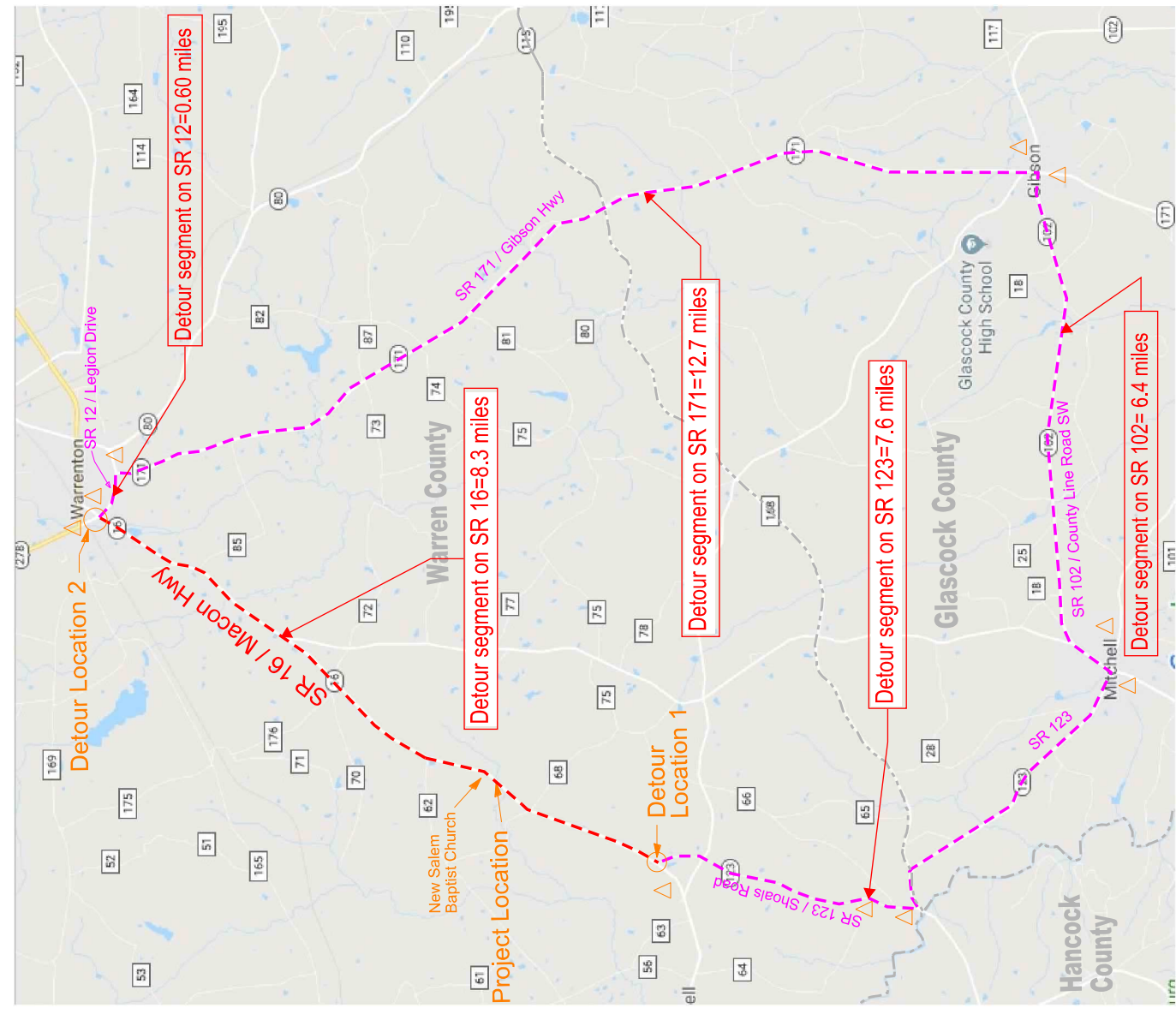
For _____
GDOT Chief Engineer

12/1/2021

Date

Attachments:

- Location Map of preferred Detour Route
- Detour Meeting Comment Cards and Transcript
- Local Emergency, School and Public Officials Detour Impact Forms
- Notice of Detour Approval
- Project Location Map



Interrupted Route Details
State Road Route

From the North
SR 12 / Legion Drive
SR 171 / Gibson Highway
SR 102 / County Line Road SW
SR 123
SR 123 / Shoals Road

From the South
SR 123 / Shoals Road
SR 123
SR 102 / County Line Road SW
SR 171 / Gibson Highway
SR 12 / Legion Drive

Distance from Detour Location 1 to Detour Location 2 is currently 8.3 Miles.

Distance from Detour Location 1 to Detour Location 2 using the Detour Route is 27.3 Miles, an increase of 19 miles.

Schools, churches, institutions impacted:
New Salem Baptist Church is on the north side of the project.

Substandard or load posted bridges on the detour routes: None

- Main Detour Point
- Location of Other Advisory Detour Signs
- County Line
- Detour Route
- Interrupted Route

Sanders, Mindy

From: Tish Stultz <tstultz@calyxengineers.com>
Sent: Friday, November 30, 2018 8:10 AM
To: Borchardt, David J; Osbun, Jenna C
Cc: Sanders, Mindy
Subject: PDOH 0007057 Meeting Summary

Follow Up Flag: Follow up
Flag Status: Flagged

Categories: Project

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

David:

We had 3 people attend, 1 of which was a Public official (John Graham; Warren County Board of Commissioners)

No written comments were received at the meeting.
No verbal comments were provided to the Court Reporter.

Let me know if you have any questions.

Hope you all have a great weekend!

Regards,

Tish Stultz | Planning Senior Project Manager | **NV5 CALYX**
CALYX Engineers and Consultants – An NV5 Company
1255 Canton Street, Suite G | Roswell, GA 30075 | P: 678.795.3624 | C: 678.938.2373

DETOUR MEETING
PUBLIC/CITY OFFICIALS SIGN-IN SHEET
PI 0007057
Warren County
11/28/2018

[illegible]



Russell R. McMurry, P.E., Commissioner
One Georgia Center
600 West Peachtree NW Atlanta, GA 30308
(404) 631-1990 Main Office

January 24, 2019

John Graham
PO Box 46
Warrenton GA 30828

Re: Responses to Detour Open House Comments for PI#: 0007057, Warren County, SR 16 over Short Creek

Dear Mr. Graham:

Thank you for your comments concerning the proposed project referenced above. We appreciate your participation and all of the input that was received as a result of the *November 29, 2018 Detour Open House*. Every written comment received and verbal comment given to the court reporter will be made part of the project's official record.

A total of **3** people attended the open house. Of the **1** respondents who formally commented, **0** were in support of the project, **0** were opposed, **1** was uncommitted, and **0** expressed conditional support.

The attendees of the open house and those persons sending in comments within the comment period raised the following questions. The Georgia Department of Transportation (GDOT) has prepared this one response letter that addresses all comments received so that everyone can be aware of the questions raised and the responses given. Please find the comments summarized below (in *italics*) followed by our response.

- *"I do not think the public will follow the very long detour designed for this bridge replacement. They are going to use the county roads that will be a very short detour around this project. This will cause a lot of damage to several county roads in the area after 9-12 months of state route traffic using our off system county roads while this bridge is replaced."*

Response: The official detour will utilize State Routes only. The detour route would be clearly signed to direct through traffic traveling via SR 16 to instead use SR123/SR102/SR171/SR12 around the project location. Traffic coming from I-20 traveling south through Warrenton would be directed to use SR12/SR171/SR102/SR123 and traffic traveling north to I-20 from Hancock County would be directed to use SR123/SR102/SR171/SR 12, which would increase travel distance by approximately 19.0 miles.

Local/county roads would not be part of the official detour route and should not be used by non-local truck traffic. It is the official GDOT policy that detours only be routed along state routes; this off-site detour route was specifically chosen because it follows state routes that can accommodate truck traffic.

Again, thank you for your comments. Should you have further questions, comments or concerns, please call the Project Manager, Mindy Sanders, at 678-986-7648 or the Environmental Analyst, David Borchardt, at 404-631-1184.

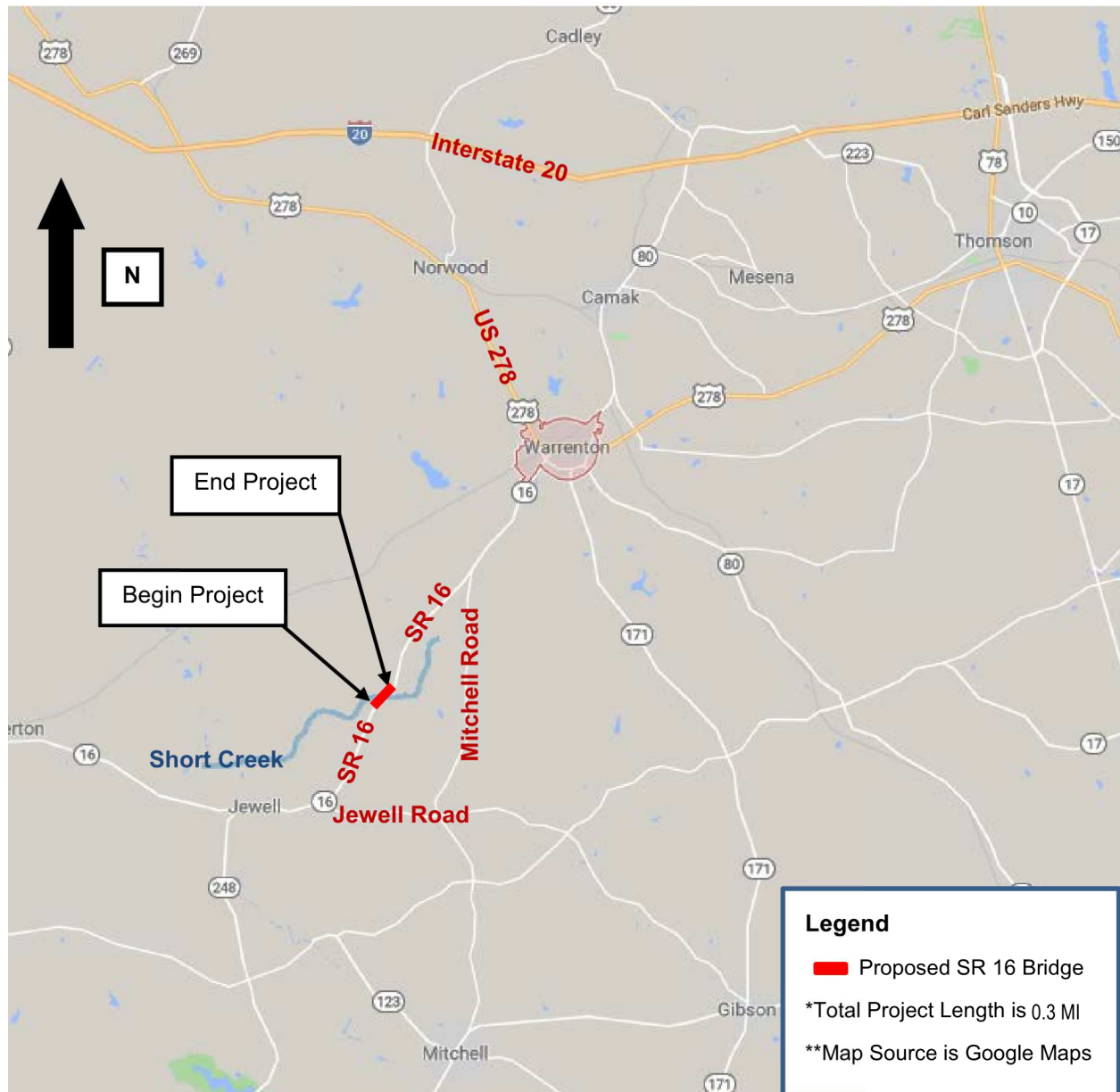
Sincerely,

Eric Duff
State Environmental Administrator

ED/db/ts

cc: Mindy Sanders, GDOT Project Manager (via email)
PDF for Project File

PROJECT LOCATION MAP



**Bridge Replacement – SR 16 / Macon Highway over Short Creek
Warren County, GA**

Map Not To Scale

NOTICE OF DETOUR APPROVAL

**P. I. 0007057
WARREN COUNTY**

Notice is hereby given that the Georgia Department of Transportation has approved the use of and the routing of a detour for this project.

The date of detour approval is: **Dec 6, 2021**

The proposed project will replace the existing 64-foot-long bridge at SR 16 and Short Creek with an 85-foot-long bridge with 12-foot travel lanes and eight-foot shoulders. The existing bridge will be replaced with a bridge that meets current standards. The proposed roadway will include two 12-foot travel lanes and 10-foot shoulders. The total project length is approximately 0.3 miles and located within Warren County, southwest of Warrenton, GA and east of Sparta, GA. The construction of this project will last approximately 12 months and will include an off-site detour.

The proposed detour will travel along SR 123, SR 102, SR 171, and SR 12 Bypass, resulting in an additional 19 miles along the detour route.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation: For information or questions regarding the Detour Route, please contact:

Kyle Brooks
GDOT Area Engineer
District 2, Area 4
KBrooks@dot.ga.gov
4260 Frontage Road
Augusta, GA 30909
706-855-3466